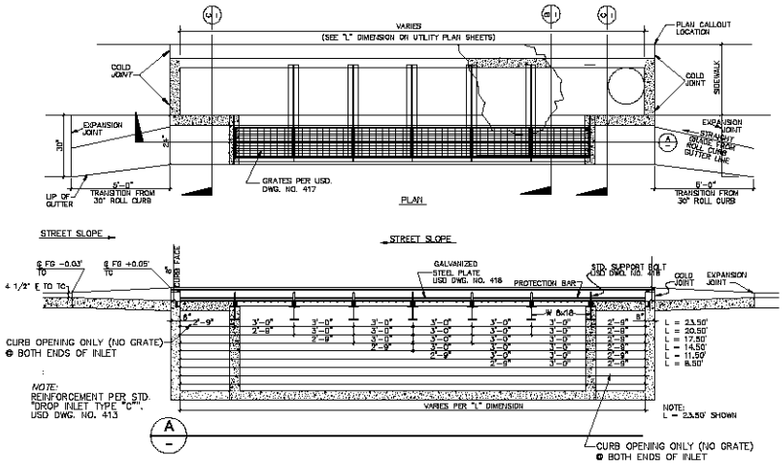
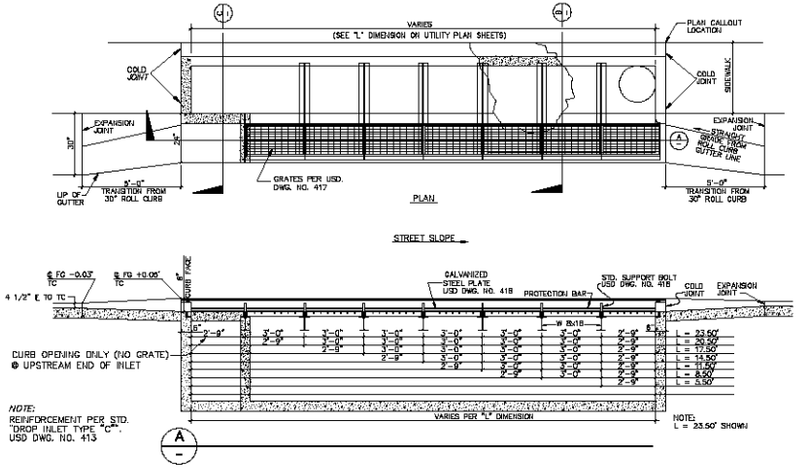
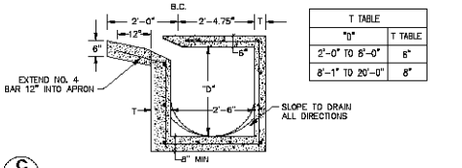
Case 09-14814-gwz Doc 1238-7 Entered 08/13/10 16:07:08 Page 1 of 1



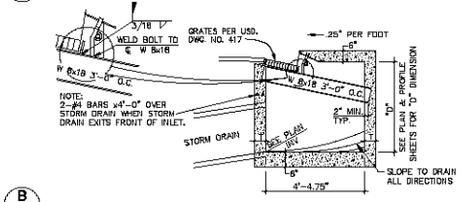
9a MODIFIED TYPE "C" DROP INLET IN SUMP
N.T.S

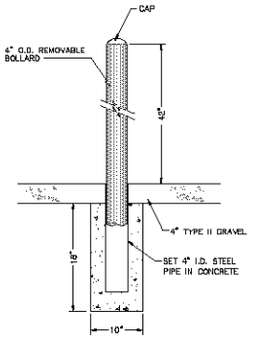


9b MODIFIED TYPE "C" DROP INLET ON GRADE
N.T.S

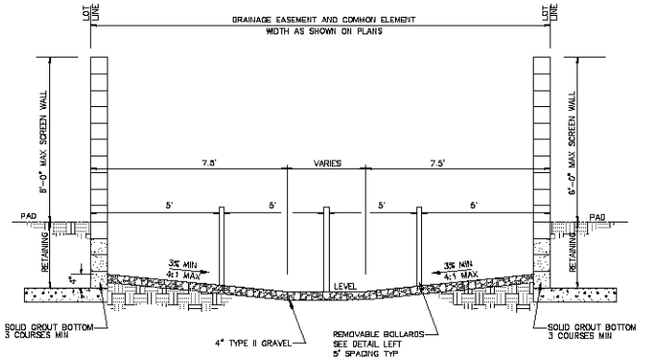


T TABLE	
"D"	T TABLE
2'-0" TO 8'-0"	8"
8'-1" TO 20'-0"	8"





REMOVABLE BOLLARD DETAIL
N.T.S.



G DRAINAGE EASEMENT TO BE PRIVATELY MAINTAINED
N.T.S.

BASIS OF BEARINGS

NORTH 00°13'38" EAST – THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (A283–MP), WEST ZONE, INTERNATIONAL FOOT (IFT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS–OPUS.

M.C.S.D. "SD 32" = LATITUDE 35°09'22.70034"N, LONGITUDE 114°08'21.57240"W (NAD '83) HEIGHT 2582.48391ift (NAVD'88)

STONE 1/4 COR 3/2 = LATITUDE 35°08'55.53386"N, LONGITUDE 114°10'30.72281"W (NAD '83) HEIGHT 2488.20458ift (NAVD'88)

BENCHMARK

BENCHMARK # "SD 34" M.C.S.D.
ELEVATION= 2590.24273 IFT (NAVD '88)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R.18 W. AND THE INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 10343."

GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC.
DATED: 12 SEPTEMBER 05
PROJECT No.: 1050–GEO

PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 04/12/06

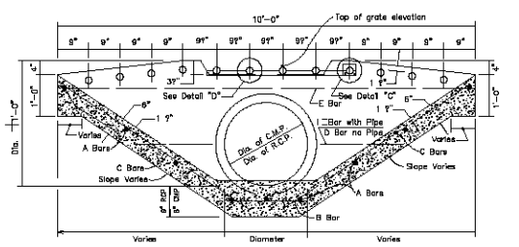
DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVER–HEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

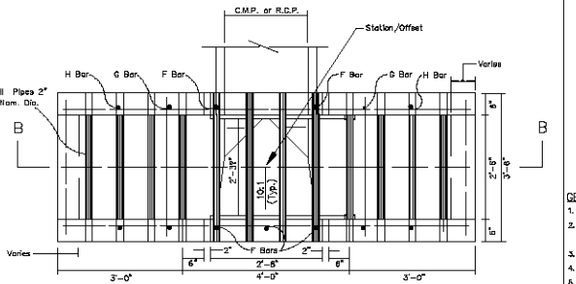
Avoid cutting underground utility lines. It's easy. Call before you Dig
BLUE STAKE 1–800–782–5348 (1–602–271–7142)

Avoid overhead power line contact. Call before you Overhead
1–928–753–5591 FLAGSTAFF

TYPE 8 DROP INLET



SECTION B–B

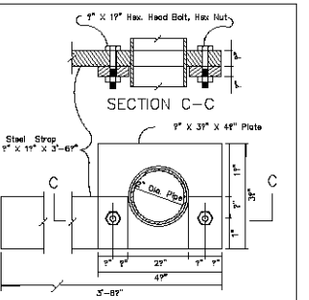


PLAN

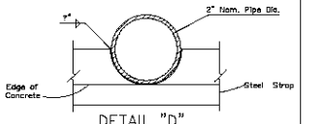
TYPE 8 DROP INLET

TABLE OF QUANTITIES

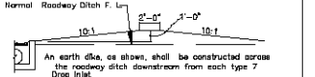
SIZE DIA.	A Bars	B Bars	C Bars	D Bars	E Bars	F Bars	G Bars	H Bars	J Bars	CONC.	REBAR	TOTAL WEIGHT
CMP												
18"	3#07–2"	3#05–1"	6#04–0"	10#5–9"	2#09–8"	3#05–1"	3#05–1"	4#8–1"	2#05–1"			
24"	3#07–2"	3#05–1"	6#04–0"	10#5–9"	2#09–8"	3#05–1"	4#05–1"	4#8–1"	2#07–3"	Not Applicable	1.33	78	165
30"	3#07–2"	3#05–1"	6#04–0"	10#5–9"	2#09–8"	3#05–1"	4#05–1"	4#8–1"	2#8#10"		1.45	82	169
											1.59	87	168
RCP													
18"	3#07–2"	3#05–1"	6#05–0"	10#5–9"	2#09–8"	3#05–1"	3#05–1"	4#8–1"	2#05–1"		1.29	80	168
24"	3#07–2"	3#05–1"	6#05–0"	10#5–9"	2#09–8"	3#05–1"	4#05–1"	4#8–1"	2#07–3"		1.48	84	169
30"	3#07–2"	3#05–1"	6#05–0"	10#5–9"	2#09–8"	3#05–1"	4#05–1"	4#8–1"	2#8#10"		1.63	89	168



DETAIL "C"



DETAIL "D"



SKETCH OF ROADWAY DITCH DIKE

GENERAL NOTES:

1. ALL CONCRETE SHALL BE CLASS A OR AA.
2. REINFORCING STEEL SHALL BE NO. 4 BARS WITH MAXIMUM SPACING OF 18" CENTERS, WIRED TIGHTLY AT ALL INTERSECTIONS AND EMBEDDED AT LEAST 1½" CLEAR OF CONCRETE SURFACE.
3. DIMENSIONS MAY BE VARIED BY THE ENGINEER TO FIT LOCAL CONDITIONS.
4. NO DEDUCTIONS IN CONCRETE SHALL BE MADE FOR THE 2" CROSSBARS.
5. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1".
6. STEEL STRAP AND PIPE FOR CROSSBARS ARE INCLUDED IN THE STRUCTURAL STEEL GRATE QUANTITIES.
7. CATCH BASIN FLOORS SHALL HAVE A MINIMUM SLOPE OF 10:1 FROM ALL DIRECTIONS TOWARD OUTLET PIPE. IF BASIN IS USED AS A JUNCTION, SLOPE FLOWLINE(S) TO OUTLET PIPE, AND PROVIDE A MINIMUM SLOPE OF 10:1 TO FLOWLINE(S).
8. STATION/OFFSET DISTANCE LISTED IN PLANS IS MEASURED TO THE CENTER OF GRATE.

NEVADA DEPARTMENT OF TRANSPORTATION

TYPE 8 DROP INLET

Signed Original On File | R–4.6.1 | (609)
CHIEF HYDRAULICS ENGINEER | ADOPTED 8/89 | REVISION 9/00

Registered Professional Engineer
62874
STEVEN A. HAGEL
Date Signed
ARIZONA, U.S.A.

REV. NO.	DESCRIPTION	DRAWN BY	APPROVAL	DATE

SCALE (H) NONE
SCALE (V) NONE
DRAWN BY GA/RM
CHECKED BY SH/DB
DATE 04–12–06

Stanley Consultants INC.
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369–5399 FAX (702) 369–0783
www.stanleygroup.com

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
AREA 2 PHASE B
DETAILS
MOHAVE COUNTY ARIZONA

SHEET
DT2
4 OF 79 SHEETS

SCI PROJECT#
18476.24.22